

What is claimed is:

Suba) 1. A connector for module that connects a module, which has a semiconductor chip mounted on a rectangular board and has a conductive pad on the front side of the board, to a printed circuit board in a position wherein the board plane is approximately parallel to the printed circuit board,

said connector for module, comprising:

a connector body having a receiving part that extends along the front side of the module being in the connection position and is provided in the rear face thereof with a groove into which the front side of the module is to be inserted, having a contact that is provided in the groove of the receiving part and contacts the conductive pad while allowing the pad to shift in the direction of insertion/withdrawal when the module is in the insertion/withdrawal position in which the rear side is at a higher level than in the connection position, and having a supporting part that extends rearward from the receiving part to support both the left and right sides and the bottom of the module being in the connection position; and

a metallic cover that is put over and is engaged to the connector body to sandwich the module between itself and the supporting part and keep the module in the connection position.

2. A connector for module according to claim 1 wherein

said metallic cover is hinged at the front to the receiving part and the rear end of the metallic cover can be lifted.

3. A connector for module according to claim 2 wherein

said metallic cover is removably provided to the connector body.

Sub a1) 4. A connector for module according to claim 2 wherein

said connector body or said metallic cover is provided with a positioning mechanism that positions the module in the front-rear direction when the module is set into the connection position.

5. A connector for module according to claim 4 wherein

said window is opened in said metallic cover to expose the semiconductor chip of the module being in the connection position, and in this window a heat sink that will contact said semiconductor chip is connected to the metallic cover.

6. A connector for module according to claim 5 wherein

at least one of said metallic cover and said heat sink covers a conductive member to exhibit the shielding function.

7. A connector for module according to claim 4 wherein

said metallic cover is provided with a contacting part that contacts the semiconductor chip of the module being in the connection position, and the contacting part is provided with a heat sink.

Sub a2) 8. A connector for module according to claim 7 wherein

at least one of said metallic cover and said heat sink covers a conductive member to exhibit the shielding function.

9. A connector for module according to claim 3 wherein

either said connector body or said metallic cover is provided with a positioning mechanism that position the module in the front-rear direction when the module is set in the connection position.

10. A connector for module according to claim 9 wherein

said window is opened in said metallic cover to expose the semiconductor chip of the module being in the connection position, and in this window a heat sink that will contact said semiconductor chip is connected to the metallic cover.

11. A connector for module according to claim 10 wherein

at least one of said metallic cover and said heat sink covers a conductive member to exhibit the shielding function.

12. A connector for module according to claim 9 wherein

said metallic cover is provided with a contacting part that contacts the semiconductor chip of the module being in the connection position, and the contacting part is provided with a heat sink.

13. A connector for module according to claim 12 wherein

at least one of said metallic cover and said heat sink covers a

99 conductive member to exhibit the shielding function.

14. A connector for module according to claim 1 wherein  
said metallic cover is removably provided to the connector body.

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15. A connector for module according to claim 14 wherein  
said connector body or said metallic cover is provided with a  
positioning mechanism that positions the module in the front-rear direction  
when the module is set into the connection position.

16. A connector for module according to claim 15 wherein  
said window is opened in said metallic cover to expose the  
semiconductor chip of the module being in the connection position, and in  
this window a heat sink that will contact said semiconductor chip is  
connected to the metallic cover.

17. A connector for module according to claim 16 wherein  
at least one of said metallic cover and said heat sink covers a  
conductive member to exhibit the shielding function.

18. A connector for module according to claim 15 wherein  
said metallic cover is provided with a contacting part that contacts  
semiconductor chip of the module being in the connection position, and the  
contacting part is provided with a heat sink.

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